

Notice of Allowability

Application No.

10/003,110

Examiner

John Juba, Jr.

Applicant(s)

SUZUKI ET AL.

Art Unit

2872

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Telephone interview of August 4, 2004.
2. ☒ The allowed claim(s) is/are 1,5-7,9-16 and 18-20.
3. ☒ The drawings filed on 06 December 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 6/18/2003
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

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Examiner's Amendment

An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment which places this application in condition for allowance. During a telephone conversation conducted on August 4, 2004, Mr. Updeep S. Gill requested an extension of time for 1 MONTH(S) and authorized the Director to charge Deposit Account No. 14-1140 the required fee of \$110 for this extension and authorized the following examiner's amendment. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.


In the claims:

Claims 1, 9, 10, 19, and 20 now read as shown in the attached consolidated listing of claims, which listing replaces all prior listing and contains all of the claims pending in the present application.

Post-allowance papers should be mailed to **Box Issue Fee**. Post-allowance papers may also be faxed to correspondence branch in PUBs. The fax number is (703) 308-5083. The **PUBs customer service** number is (703) 305-8497.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Juba whose telephone number is (571) 272-2314. The examiner can normally be reached on Mon.-Fri. 9 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Drew Dunn whose number is (571) 272-2312 and who can be reached on Mon.- Thu., 9 - 5.


JOHN JUBA, JR.
PRIMARY EXAMINER
Art Unit 2872

August 5, 2004

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Claims (8/4/2004)

Claim 1. (Currently Amended) A hologram screen comprising:

a hologram film for diffracting light projected from a projector; and

a first transparent member and a second transparent member which together sandwich the hologram film to cover the hologram film from a front surface and a back surface thereof;

wherein at least one of said first transparent member and second transparent member is replaceable, said first and second transparent members being fixed to each other with screws, each of said screws penetrating a through-hole provided in one of said first and second transparent members and being [is] threaded into a sprue or a threaded hole provided in the other of said first and second transparent members, thereby fixing said first transparent member and second transparent members to each other.

Claims 2 – 4. (*Canceled*)

Claim 5. (*Original*) A hologram screen according to claim 1, wherein said first transparent member and second transparent member are fixed to each other with an adhesive.

Claim 6. (*Original*) A hologram screen according to claim 1, wherein said first transparent member and second transparent member are fixed to each other with clips.

Claim 7. (*Once Amended*) A hologram screen according to claim 1, wherein said first transparent member and second transparent member comprise resin, glass, or plastic film.

Claim 8. (*Canceled*)

Claim 9. (*Currently Amended*) A hologram screen comprising:

a hologram film for diffracting light projected from a projector, said hologram film comprising a hologram layer having the function of diffracting the light projected from the projector and a PET layer adhered to at least one of the surfaces of the hologram layer and having a hard coat applied thereto; and

a first transparent member and a second transparent member which together sandwich the hologram film to cover the hologram film from a front surface and a back surface thereof;

wherein at least one of said first transparent member and second transparent member is replaceable, wherein [said] an anti-sticking agent is interposed between said PET layer and at least one of said first transparent member and second transparent member.

Claim 10. (*Currently Amended*) A hologram screen according to claim 9, wherein said hologram film has said PET layer on one of the front and back surfaces of said

hologram layer, and wherein the other surface [surfaces] of said hologram layer is adhered either to said first transparent member or to said second transparent member.

Claim 11. (*Previously Presented*) A hologram screen according to claim 9, wherein said anti-sticking agent is in the shape of spheres, cylinders or scales.

Claim 12. (*Previously Presented*) A hologram screen according to claim 9, wherein said anti-sticking agent is made of inorganic material containing, as a principal component, silicon dioxide, borosilicate glass, or aluminum oxide, or a plastic material containing, as a principal component, divinylbenzene, or methyl ester methacrylate, or a starch sugar comprising at least one of grape sugar or cane sugar.

Claim 13. (*Previously Presented*) A hologram screen according to claim 9, wherein said anti-sticking agent is made in the form of powder and is applied using a brush to said first transparent member or second transparent member, or to said hologram film.

Claim 14. (*Previously Presented*) A hologram screen according to claim 9, wherein said anti-sticking agent is made in the form of aqueous suspension and is applied by means of spray coating to said first transparent member or second transparent member, or to said hologram film.

Claim 15. (*Previously Presented*) A hologram screen according to claim 9, wherein said anti-sticking agent is made in the form of aqueous suspension and is applied by means of spin coating to said first transparent member or second transparent member, or to said hologram film.

Claim 16. (*Previously Presented*) A hologram screen according to claim 9, wherein said anti-sticking agent is made in the form of alcoholic suspension and is applied by means of spin coating to said first transparent member or second transparent member, or to said hologram film.

Claim 17. (*Canceled*)

Claim 18. (*Once Amended*) A hologram screen comprising:

- a hologram film for diffracting light projected from a projector; and
- a first transparent member and a second transparent member which together sandwich the hologram film to cover the hologram film from a front surface and a back surface thereof;

- wherein at least one of said first transparent member and second transparent member is replaceable and a sealant is uniformly interposed in order to prevent partial sticking both between said hologram film and said first transparent member and between said hologram film and said second transparent member, said sealant

comprising an alcohol selected from the group consisting of: glycerol, trethanolamine, or ethylene glycol.

Claim 19. (Currently Amended) A hologram screen comprising:

- a hologram film for diffracting light projected from a projector; and
- a first transparent member and a second transparent member which together sandwich the hologram film to cover the hologram film from a front surface and a back surface thereof;

wherein at least one of said first transparent member and second transparent member is replaceable and a release agent is coated on the entire front and back surfaces of said hologram film and an adhesive is provided via the release agent, and wherein the first transparent member and the second transparent member [that] are larger than said hologram film and are applied on said front and back surfaces of said hologram film such that the first transparent member and second transparent member are adhered to each other with an adhesive at a peripheral portion thereof that is outside of the circumference of said hologram film.

Claim 20. (Currently Amended) A hologram screen comprising:


- a hologram film for diffracting light projected from a projector; and

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a first transparent member and a second transparent member which together sandwich the hologram film to cover the hologram film from a front surface and a back surface thereof;

wherein at least one of said first transparent member and second transparent member is replaceable, said first and second transparent members being fixed to each other by screws, each of said screws penetrating through-holes provided in both the first and second transparent members and being [is] threaded into a nut, thereby fixing the first and second transparent members to each other.

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JOHN JUBA, JR.
PRIMARY EXAMINER